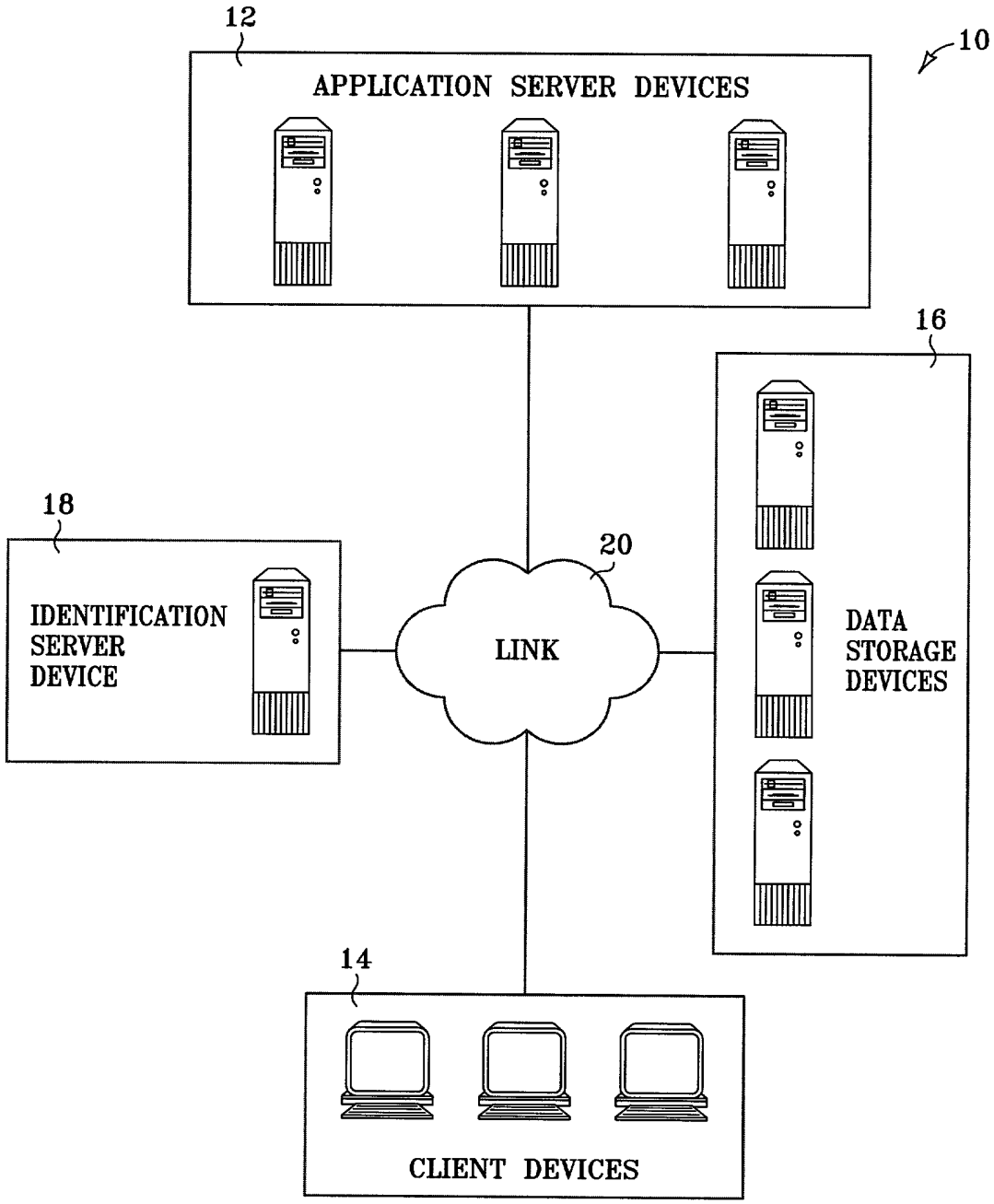
12
APPLICATION SERVER DEVICES
10
16
18
IDENTIFICATION
SERVER
DEVICE
20
LINK
DATA
STORAGE
DEVICES
14
CLIENT DEVICES

FIG. 1

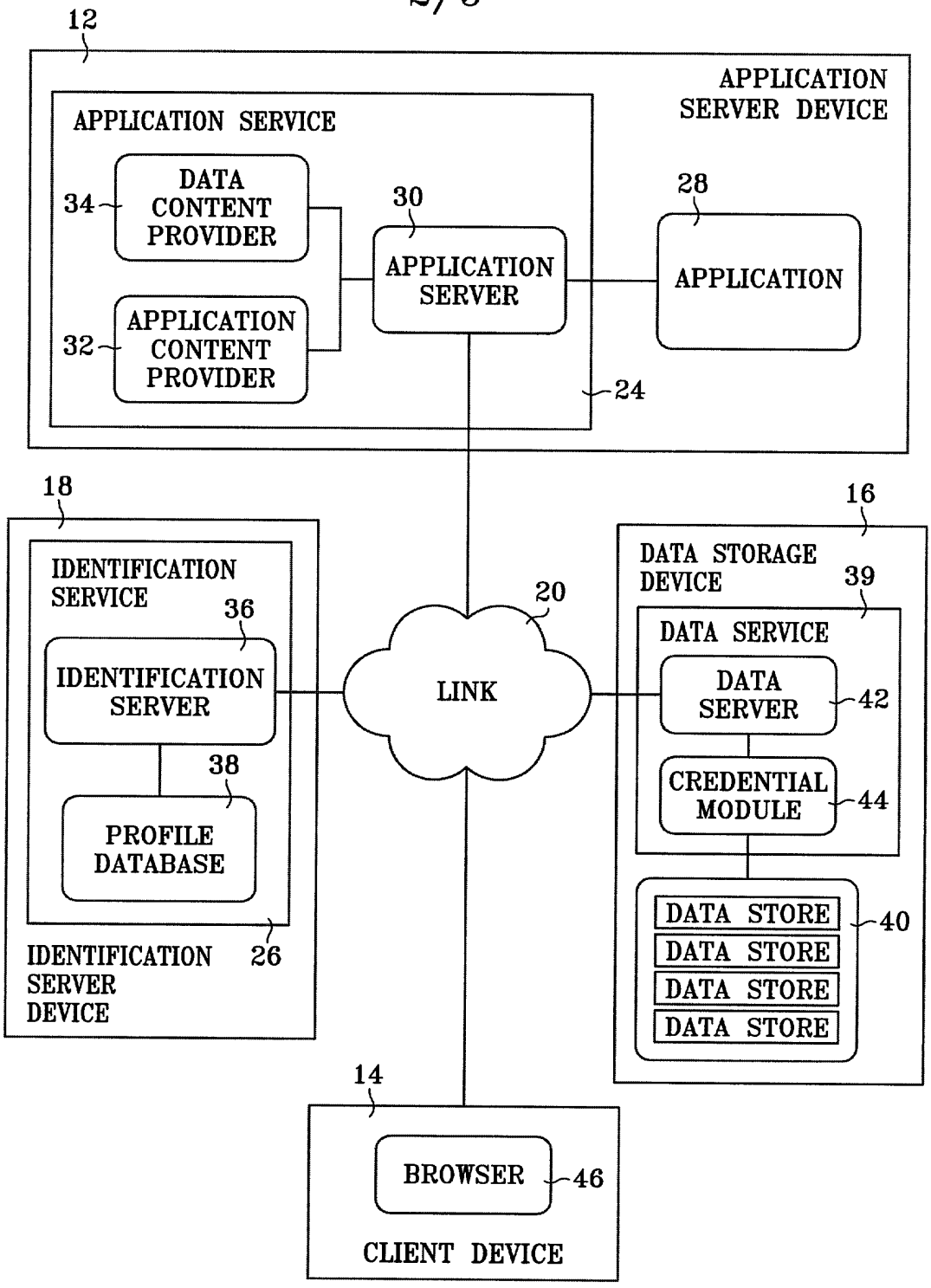
12
APPLICATION SERVER DEVICE
APPLICATION SERVICE
34
DATA CONTENT PROVIDER
32
APPLICATION CONTENT PROVIDER
30
APPLICATION SERVER
28
APPLICATION
24
18
IDENTIFICATION SERVICE
36
IDENTIFICATION SERVER
38
PROFILE DATABASE
IDENTIFICATION SERVER DEVICE
26
20
LINK
16
DATA STORAGE DEVICE
39
DATA SERVICE
DATA SERVER
42
CREDENTIAL MODULE
44
DATA STORE
DATA STORE
DATA STORE
DATA STORE
40
14
BROWSER
46
CLIENT DEVICE

FIG. 2

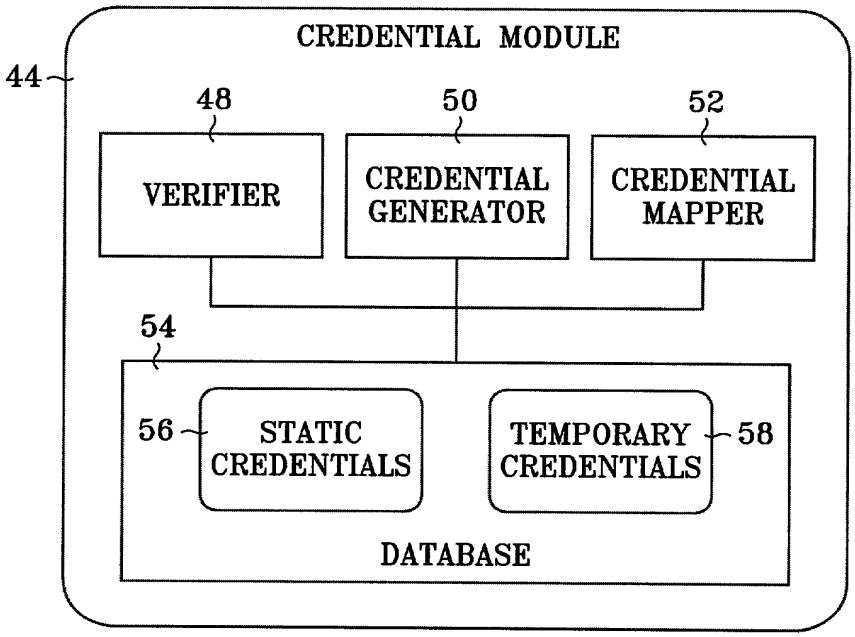
CREDENTIAL MODULE
44
48
50
52
VERIFIER
CREDENTIAL GENERATOR
CREDENTIAL MAPPER
54
56
STATIC CREDENTIALS
TEMPORARY CREDENTIALS
58
DATABASE

FIG. 3

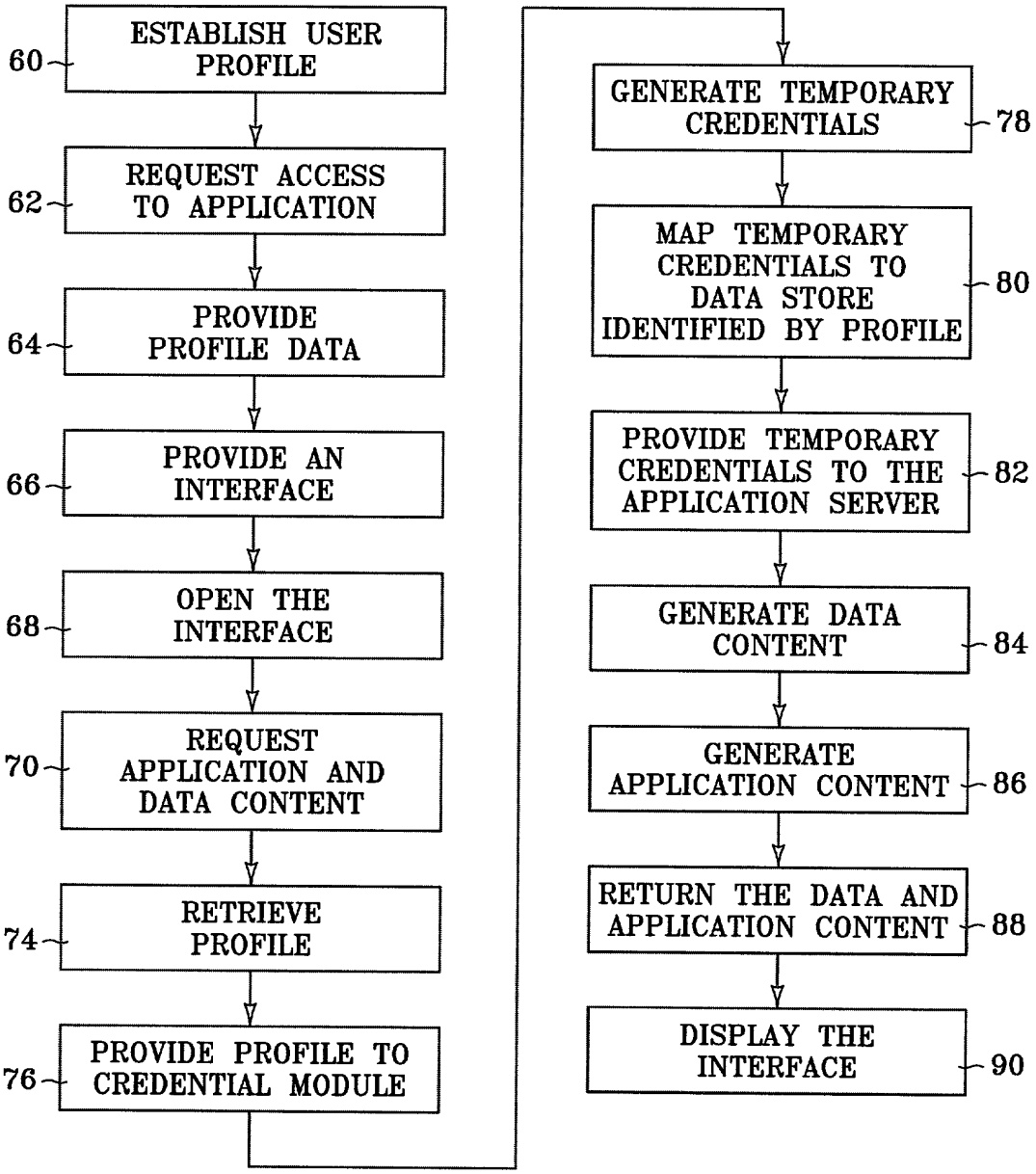
ESTABLISH USER PROFILE
60
REQUEST ACCESS TO APPLICATION
62
PROVIDE PROFILE DATA
64
PROVIDE AN INTERFACE
66
OPEN THE INTERFACE
68
REQUEST APPLICATION AND DATA CONTENT
70
RETRIEVE PROFILE
74
PROVIDE PROFILE TO CREDENTIAL MODULE
76
GENERATE TEMPORARY CREDENTIALS
78
MAP TEMPORARY CREDENTIALS TO DATA STORE IDENTIFIED BY PROFILE
80
PROVIDE TEMPORARY CREDENTIALS TO THE APPLICATION SERVER
82
GENERATE DATA CONTENT
84
GENERATE APPLICATION CONTENT
86
RETURN THE DATA AND APPLICATION CONTENT
88
DISPLAY THE INTERFACE
90

FIG. 4

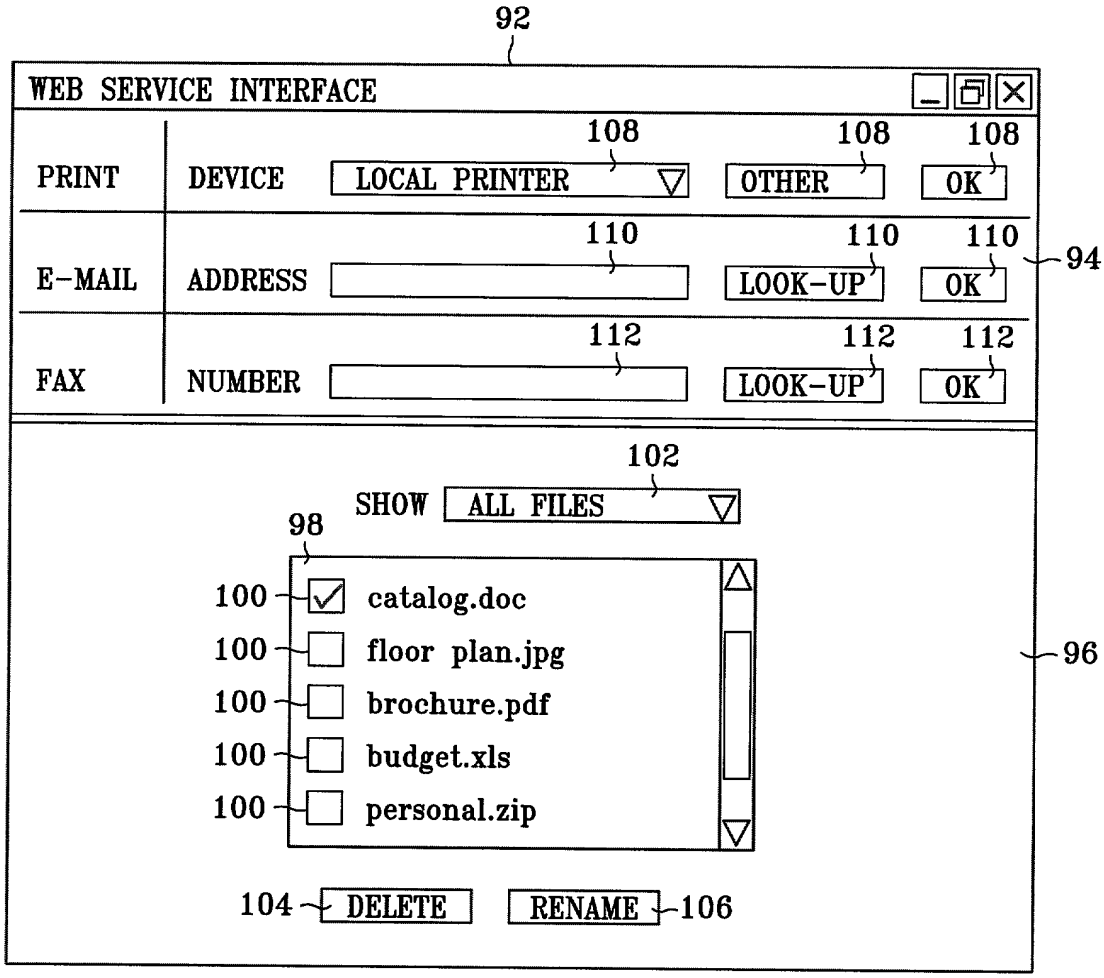
92
WEB SERVICE INTERFACE
PRINT
DEVICE
LOCAL PRINTER
OTHER
OK
108
108
108
E-MAIL
ADDRESS
LOOK-UP
OK
110
110
110
94
FAX
NUMBER
LOOK-UP
OK
112
112
112
102
SHOW
ALL FILES
98
100
catalog.doc
floor plan.jpg
brochure.pdf
budget.xls
personal.zip
96
104
DELETE
RENAME
106

FIG. 5